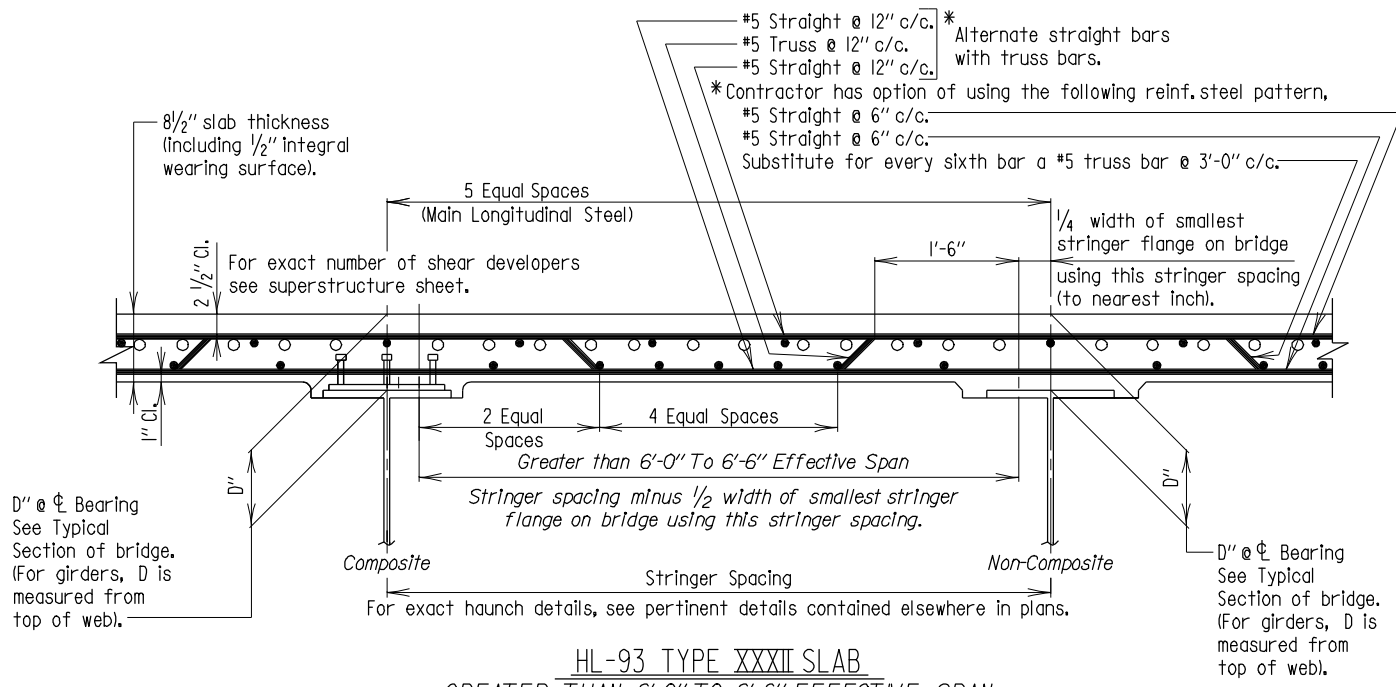


Note:
For effective spans less than 5'-9" see Note 3 on Std. No. BR-SS(6.11)-79-90(L).

HL-93 TYPE XXXI SLAB
5'-9" TO 6'-0" EFFECTIVE SPAN
Scale: 1/2"=1'-0"



Note:

- All steel sizes and spacing based on ASTM A-615, Grade 60 (fs=24,000 p.s.i.).
- Transverse bars to be placed normal to center line of stringers. (For curved girder see BR-SS(6.11)-79-90(L)).
- All longitudinal bars are to be #5's placed as shown except if Note 4 requires and indicates larger bars.
- On continuous bridges, over piers, additional longitudinal steel is to be added to the top of the slab between normal bars and is indicated thus O. See Detail No. BR-SS(6.30)-88-195 for the lengths and size of these additional bars.
- Refer to BR-SS(6.11)-79-90(L) for overhang design requirements.

FHWA APPROVAL
DATE: 4-23-08

APPROVAL	
<i>L.S. Friedman</i>	DIRECTOR
OFFICE OF STRUCTURES	
DATE: 4/23/08	
REVISIONS	
SHA	FHWA
6-3-09	

Note:
Slanted lettering indicates notes "For Office Use Only".

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES
TYPE XXXI AND XXXII
BRIDGE DECK SLABS
HL-93 LOADING

STANDARD NO. BR-SS(6.61)-08-385(L)

SHEET 1 OF 1



SUPER CONCRETE WORK